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INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

(Chapter II of the Patent Cooperation Treaty)

(PCT Article 36 and Rule 70)

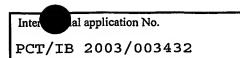
Applicant's or agent's file reference CLC/PH/8151INT FOR FURTHER ACTION See Form PCT/IPEA/416								
International application No. International filing date (day/month/year) Priority date (day/month/year)								
PCT/IB 2003/003432	17-07-2003	30-07-2002						
International Patent Classification (IPC) or national classification and IPC								
G08B13/12								
Applicant								
Applicant Nolvin Gormondia								
Nokia Corporation et al								
 This report is the international preliminary examination report, established by this International Preliminary Examining Authority under Article 35 and transmitted to the applicant according to Article 36. 								
2. This REPORT consists of a total of	of _7 sheets, including this cover	er sheet.						
This report is also accompanied by	y ANNEXES, comprising:							
a. Sent to the applicant	and to the International Bureau) a total of	3 sheets on fallows.						
								
sheets of the description, claims and/or drawings which have been amended and are the basis of this report and/or sheets containing rectifications authorized by this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions).								
beyond the dis	sheets which supersede earlier sheets, but which this Authority considers contain an amendment that goes beyond the disclosure in the international application as filed, as indicated in item 4 of Box No. I and the							
Supplemental								
b. (sent to the Internation	nal Bureau only) a total of (indicate type and							
, containing a sequence listing and/or tables related thereto, in computer readable form only, as indicated in the Supplemental Box Relating to Sequence Listing (see Section 802 of the								
Administrative Instruc	ctions).	to Sequence Listing (see Section 802 of the						
4. This report contains indications rel	lating to the following items:							
	the report							
Box No. II Priority								
Box No. III Non-esta	ablishment of opinion with regard to novelty,	inventive step and industrial applicability						
Box No. IV Lack of	unity of invention							
Box No. V Reasone applicab	ed statement under Article 35(2) with regard to illus; citations and explanations supporting su	o novelty, inventive step or industrial						
	documents cited							
Box No. VII Certain	defects in the international application							
Box No. VIII Certain	observations on the international application							
Date of submission of the demand								
Date of submission of the demand	Date of completion	of this report						
20-02-2004	26 10 200							
Name and mailing address of the IPEA/SE		26-10-2004						
Patent- och registreringsverket	Authorized officer							
Box 5055 S-102 42 STOCKHOLM	3 T 3-							
Facsimile No. +46 8 667 72 88	Anna Lundo Telephone No. +4	IVIST/MN 6 8 782 25 00						

Form PCT/IPEA/409 (cover sheet) (January 2004)

Inter	nal application No.
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PCT/IB 2003/003432

Вох	No. I	Basis of the report
1.	With r	gard to the language, this report is based on the international application in the language in which it was filed, unlesse indicated under this item.
		his report is based on a translation from the original language into the following language, which is the language of a translation furnished for the purposes of:
		international search (under Rules 12.3 and 23.1(b))
		publication of the international application (under Rule 12.4)
		international preliminary examination (under Rules 55.2 and/or 55.3)
2.	furnish	gard to the elements of the international application, this report is based on (replacement sheets which have bee d to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed not annexed to this report):
		the international application as originally filed/furnished
	\boxtimes	the description:
		pages 1-8 as originally filed/furnished
		pages* received by this Authority on pages* received by this Authority on
	\square	pages* received by this Authority on the claims:
		pages 9-11 as originally filed/furnished pages* as amended (together with any statement) under Article 19
		pages* 12-14 received by this Authority on 09-07-2004
		pages* received by this Authority on
	\boxtimes	the drawings:
		pages 1-2 as originally filed/furnished
		pages* received by this Authority on
		pages* received by this Authority on
	Ш	a sequence listing and/or any related table(s) - see Supplemental Box Relating to Sequence Listing.
3.		The amendments have resulted in the cancellation of:
		the description, pages
		the claims, Nos.
		the drawings, sheets/figs
		the sequence listing (specify):
		any table(s) related to the sequence listing (specify):
4.		This report has been established as if (some of) the amendments annexed to this report and listed below had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rui 70.2(c)).
		the description, pages
		the claims, Nos.
		the drawings, sheets/figs
		the sequence listing (specify):
		any table(s) related to the sequence listing (specify):
*	If item	applies, some or all of those sheets may be marked "superseded."



Box	No.	II I	Priorit	у						_					
1.		This re	port ha e reque	s been e ested:	stablis	hed as if n	o priority h	ad been o	claimed	due to	the failure to	furnish	within the	e prescril	ped time
		c	opy of	the earli	er appi	lication wh	ose priorit	y has bee	n claim	ed (Ru	le 66.7(a)).				ŀ
		tr	anslati	on of th	e earlic	r applicati	on whose	priority h	as been	claime	ed (Rule 66.7((b)).			
2.	This report has been established as if no priority had been claimed due to the fact that the priority claim has been found invalid (Rule 64.1). Thus for the purposes of this report, the international filing date indicated above is considered to be the relevant date.														
3.	3. Additional observations, if necessary:														
	The 283			ty. and							nerefore relevan		ocumei	nts	FR
															:
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Inte.	onal application No.

PCT/IB 2003/003432

Box No.	. III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability
The que applicab	estions whether the claimed invention appears to be novel, to involve an inventive step (to be non obvious), or to be industrially ole have not been examined in respect of:
	the entire international application
\boxtimes	claims Nos. 15-22, 28, 33-35, 38
becau	use:
	the said international application, or the said claims Nos. relate to the following subject matter which does not require an international preliminary examination (specify):
	the description, claims or drawings (indicate particular elements below) or said claims Nos. are so unclear that no meaningful opinion could be formed (specify):
	the claims, or said claims Nos are so inadequately supported by the description that no meaningful opinion could be formed.
\boxtimes	no international search report has been established for said claims Nos. 15-22, 28, 33-35, 38
	the nucleotide and/or amino acid sequence listing does not comply with the standard provided for in Annex C of the Administrative Instructions in that:
	the written form has not been furnished
	does not comply with the standard
	the computer readable form has not been furnished
	does not comply with the standard the tables related to the nucleotide and/or amino acid sequence listing, if in computer readable form only, do not comply with the technical requirements provided for in the Annex C-bis of the Administrative Instructions.
	See Supplemental Box for further details.

International application No.
PCT/IB 2003/003432

Box No. V Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

 Statement 	ent
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Novelty (N)	Claims Claims	1-14, 23-27, 29-32, 36, 37, 39	YES NO
Inventive step (IS)	Claims Claims	1-14, 23-27, 29-32, 36, 37, 39	YES NO
Industrial applicability (IA)	Claims Claims	1-14, 23-27, 29-32, 36, 37, 39	YES NO

2. Citations and explanations (Rule 70.7)

Documents cited in the International Search Report:

D1: US 6151493 A D2: DE 20112099 U1 D3: FR 2830108 A1

Document D1 describes a device for prohibiting unauthorized use of electronic devices. For example, the system can disable a cellular phone if it is separated from the user by more than a predetermined distance. It includes an identification signal transmission unit and a use prohibition mode cancelling unit attached or mounted to a cell phone.

The technique described in claims 23-24 and 29-31 differs from what is mentioned in D1 in that the portable device is partly disabled when separated from the person carrying it. Therefore, the technique described in claims 23-24 and 29-31 is reconsidered to be novel, to involve an inventive step and to be industrially applicable.

The cited document represents the general state of the art. The invention defined in claims 1-14, 23-27, 29-32, 36, 37, 39 is not disclosed by this document.

The cited prior art does not give any indication that would lead a person skilled in the art to the claimed portable device for connection to a person. Therefore, the claimed invention is not obvious to a person skilled in the art.

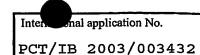
Accordingly, the invention defined in claims 1-14, 23-27, 29-32, 36, 37, 39 is novel and is considered to involve an inventive step. The invention is industrially applicable.

Inte. onal application No.

PCT/IB 2003/003432

l. Certa	ain published documents (Ru	le 70.10)		
	Application No. Patent No.	Publication date (day/month/year)	Filing date (day/month/year)	Priority date (valid claim) (day/month/year)
FR 2	2830108 A1	28-03-03	26-09-01	
WO C	3048907 A2	12-06-03	02-12-02	04-12-01

2.	Non-written disclosures (Rule 70.9)		
	Kind of non-written disclosure	Date of non-written disclosure (day/month/year)	Date of written disclosure referring to non-written disclosure (day/month/year)

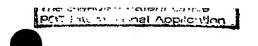


Box No. VIII Certain observations on the international application

The following observations on the claims of the claims, description, and drawings or on the question whether the claims are fully supported by the description, are made:

Claims 36-38 are not considered as clear and concise. The definition of the matter for which protection is sought shall in the claims be in terms of the technical features of the invention. See PCT Rule 6.3 (b).

The claims also contain references to the drawings. According to Rule 6.2(a) PCT, claims should not contain such references except where absolutely necessary, which is not the case here.





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the card, in response to the release of the releasable connector, so that the handset can be used normally as a telephone only in conjunction with the card which is present in the handset when the telephone is grabbed.

- 22. A cellular telephone network comprising a mobile telephone as claimed in claim 21 wherein the network is responsive to the disabling message sent by the mobile telephone to disable the card from normal use in the network.
 - 23. A portable device comprising:

unauthorized separation detection means arranged to detect the unauthorized separation of the portable device from a counterpart device worn by a person; and

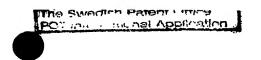
control means arranged to effect at least partial disablement of the portable device in response to the unauthorized separation of the portable device and counterpart, wherein the portable device and the counterpart device are arranged to form a wireless couple, the diminution of which is detectable by the unauthorized separation detection means.

- 24. A portable device as claimed in claim 23, wherein the portable device comprises a cellular radio transceiver.
- 25. A portable device as claimed in claim 24, wherein the control means is arranged to effect at least partial disablement of the portable device by controlling the cellular radio transceiver to transmit a disable message.
- 26. A portable device as claimed in claim 23, wherein the portable device is a mobile telephone comprising a handset and a replaceable card and the control means is arranged to effect at least partial disablement of the mobile telephone by locking the handset to the replaceable card.
- 30 27. A portable device as claimed in claim 23 wherein the portable device is or comprises a cellular mobile telephone for operation in a cellular communications network and the control means is arranged to effect at least partial disablement of the portable device by sending a disabling message to the network for disabling normal operation of the telephone in the network.
 - 28. A cellular telephone network comprising a portable device as claimed in claim 27,

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wherein the mobile telephone comprises a handset and a replaceable card, which enables the handset to operate as a telephone in the network, and the network is responsive to the disabling message sent by the mobile telephone to disable the card from normal use in the network and/or to disable the handset from normal use in the network.

29. A portable device wearable by a person comprising:

unauthorized separation detection means arranged to detect the unauthorized separation of the portable device from a counterpart device; and

control means arranged to effect at least partial disablement of the counterpart device in response to the unauthorized separation of the portable device and counterpart, wherein the portable device and the counterpart device are arranged to form a wireless couple, the diminution of which is detectable by the unauthorized separation detection means.

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- 30. A portable device as claimed in claim 29, wherein the counterpart device comprises a cellular radio transceiver or mobile telephone.
- 31. A portable device as claimed in claim 30, wherein the control means is arranged to effect at least partial disablement of the portable device by controlling the cellular radio transceiver to transmit a disable message.
 - 32. A portable device as claimed in claim 29, wherein the portable device is a mobile telephone comprising a handset and a replaceable card and the control means is arranged to effect at least partial disablement of the mobile telephone by locking the handset to the replaceable card.
 - 33. A portable device comprising:

unauthorized separation detection means arranged to detect the unauthorized separation of the portable device from a counterpart; and

control means arranged to effect at least partial disablement of one of the portable device and the counterpart in response to the unauthorized separation of the portable device and counterpart, wherein the portable device is or comprises a cellular mobile telephone for operation in a cellular communications network and the control means is arranged to effect at least partial disablement of the portable device by sending a disabling message to the network for disabling normal operation of the





telephone in the network.

34. A cellular telephone network comprising a portable device as claimed in claim 33 wherein the mobile telephone comprises a handset and a replaceable card, which enables the handset to operate as a telephone in the network, and the network is responsive to the disabling message sent by the mobile telephone to disable the card from normal use in the network and/or to disable the handset from normal use in the network.

35. A portable device comprising:

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unauthorized separation detection means arranged to detect the unauthorized separation of the portable device from a counterpart; and

control means arranged to effect at least partial disablement of one of the portable device and the counterpart in response to the unauthorized separation of the portable device and counterpart, wherein the device is or comprises a cellular mobile telephone for operation in a cellular communications network and the telephone comprises a handset and a replaceable card, which enables the handset to operate as a telephone in the network, wherein the control means is arranged to effect at least partial disablement of the portable device by locking the handset to the card so that the handset can be used normally as a telephone only in conjunction with the card which is present in the handset at the time of locking.

- 36. A portable device substantially as hereinbefore described with reference to and/or as shown in the Figures.
- 37. A mobile telephone substantially as hereinbefore described with reference to and/or as shown in the Figures.
- 38. A cellular radio communications network substantially as hereinbefore described with reference to and/or as shown in the Figures.
 - 39. A portable device having a radio transmitter, comprising:

unauthorized removal means arranged to detect the unauthorized removal of the device from a person porting the device; and

control means arranged to effect at least partial disablement of the device in response to the unauthorized removal of the device.

AMENDED SHEET